

Abstract:

The nutrition position every person is the result of their nutrition pattern during their lifes.

The Body mass index is causing the weight addition influenced during pregnancy and even more than mother weight increasing.

The weight at the time of birth is on of the most effective factors on infant mortality. The lack of weight in newborn infant prevent their growth in goath.

This factor contain the less weight and size and the body small woman will dilevered children with small body.

Objective of the study was that is there relation between the body mass index before pregnancy with the body mass index of neonatal.

Our research based on a descriptive-analytic studing was about 300 of pregnant women who had visited Alavi hospital of Ardabil during two monthes in 1383, in which the hieght and weight of the mother and baby was recorded in the provided form and had been analyzed by means of SPSS statistic software.

Results: There was a meaningful relation between two latest pregnancy, body mass index's mother before pregnancy and the age of the infant inside womb with body mass index's infant at birth time.

Cocclusion: There is a direct relation between the weight of mother before pregnancy with the weight of infant in born.

Key words: BMI, LBW, HBW, NBW